

2005 Diesel Related Grants and Funding Opportunities



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Truck Engine Idle Reduction Technology Demonstration Program



- EPA recently announced a \$5,000,000 grant program to evaluate idle reduction technologies to achieve emission reductions and energy savings from the transportation sector.
- Three categories:
 - (1) Small Trucking Company Grant Program (~\$500K);
 - (2) Truck OEM/Fleet/Technology Vendor Grant Program (~\$1M);
 - (3) Ports, Borders, Terminals and Truck Stop Grant Program(~\$3.5M).
- Proposals will be accepted from States, Tribes, public and private universities and colleges, hospitals, laboratories, and other public or private nonprofit institutions.
- Cost-sharing not required but will make an application more competitive.
- Informal notice of “Intent to Apply” due May 6, 2005.
- Applications due June 6, 2005.

Truck Engine Idle Reduction Technology Demonstration Program



Small Trucking Company Grant Program (~500K)

- Fewer than 50 vehicles
- Proposals to demonstrate effectiveness of
 - Mobile technology
 - Commercially available

Truck OEM/Fleet Technology Vendor Program (~1 M)

- Design an installation kit at the truck OEM level
- Evaluate performance
 - fuel use, maintenance costs, pay-back time, user reaction
- Develop a case study

EPA interested in working with companies in the
SmartWay Transport Program

Truck Engine Idle Reduction Technology Demonstration Program



Ports, Borders, Terminals and Truck Stop Grant Program (~ \$3.5 M)

- National Transportation Idle Free Corridor
 - Evaluate locations for idle reduction technology
 - Install the technology
 - Build on existing stationary idle reduction areas
- Projects to alleviate creep idling at ports, borders and large company terminals
 - Partnership projects with stationary technology vendors and port terminal owners

National Clean Diesel Campaign Demonstration Assistance Agreements



- EPA recently announced a \$800,000 grant program for projects that demonstrate the applicability and feasibility of implementation of EPA and/or California Air Resources Board verified (or certified) pollution reduction retrofit technologies in nonroad vehicles and equipment such as those used in construction or port-related activities.
- Applications will be accepted from state, local, multi-state, and tribal agencies, and other non-profit organizations.
- Cost-sharing not required but will make an application more competitive.
- EPA anticipates award of eight to twelve cooperative agreements, each ranging from \$50,000 to \$150,000.
- Informal notice of “Intent to Apply” due May 27, 2005.
- Complete applications due July 1, 2005.

National Clean Diesel Campaign Demonstration Assistance Agreements



Eligible projects

- Retrofits
 - Diesel particulate matter filters, diesel oxidation catalysts, crankcase controls
 - Must use EPA verified or CARB certified technology
- Engine repower or upgrade
 - Can be combined with verified emission controls
- Cleaner fuels
 - ULSD, biodiesel, CNG, LNG, propane, emulsified diesel
- Subgrant program
 - Can involve public and private fleets

National Clean Diesel Campaign Demonstration Assistance Agreements

Approaches

- Innovative application of verified technology
 - Innovative use of those technologies in non-verified applications
- Partnership projects
 - Port authorities, terminal operators, fleet managers, construction companies
- Potential for widespread adoption
 - An application with the potential to be more widely used
- As a component of other air pollution reduction strategies
 - EMS, community air toxics/air pollution reduction program, anti-idling programs etc.



Clean School Bus USA



- EPA will soon be announcing a \$7.5 million cost-shared grant program to school districts to upgrade their diesel fleets.
- Applications will be accepted only from school districts – a change from previous years.
- Complete applications expected to be due July 1, 2005.

Other Sources of Funding



US Department of Energy

- State Energy Program
 - Funds projects in 17 categories, including
 - School buses
 - Idle reduction technologies
 - Annual solicitation

US Department of Transportation

- Congestion Mitigation/Air Quality (CMAQ)
 - Funding for diesel retrofits
 - Transit buses, school buses, and trucks
 - Located within, or in close proximity to, nonattainment area
 - Achieve emission reductions within nonattainment area
 - Success in New England
 - Transit buses in Stamford
 - Rhode Island Public Transit Authority Buses